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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/414,992	10/07/99	KHAN	U CLKMP004
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028875 TM02/1106
SILICON VALLEY INTELLECTUAL PROPERTY GRO
P.O. BOX 721120
SAN JOSE CA 95112

EXAMINER

RONES, C

ART UNIT	PAPER NUMBER
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2171

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DATE MAILED: 11/06/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

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Office Action Summary

Application No.

09/414,992

Applicant(s)

KHAN, UMAIR

Examiner

Charles L. Rones

Art Unit

2171

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 October 1999.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other:

DETAILED ACTION

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 13, 14 and 15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 13, 14, and 15 are rejected under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential structural cooperative relationships of elements, such omission amounting to a gap between the necessary structural connections. See MPEP § 2172.01. The omitted structural cooperative relationships are: the claims are program code claims which depend from a method claim, there for incompatible structural relationships do not exist.

For the purposes of compact prosecution, claims 13, 14, and 15 will be deemed to be dependent from independent claim 11.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-9, 11-14, and 16-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Keller et al. "A Bookmarking Service for Sharing Organizing and Sharing URLs" ('Keller').

Keller discloses:

As to claims 1, 11, and 20,

- (a) generating at least one link to a site on a network; See pg. 3;
- (b) adding the site to a site directory having a set of categories comprising at least one category; See pgs. 3 and 8;
- (c) categorizing the site into one of the categories of the site directory; See pg. 2; and
- (d) ranking the categorized site in the category; See pgs. 2-3.

As to claims 2 and 12,

comparing the site to pre-existing sites in the site directory; See pgs. 2-3 and 10; and

generating a notification if the site matches one of the pre-existing sites of the site directory; See pgs. 8 and 10.

As to claims 3 and 13,

generating a table of sites, wherein the table of sites comprises at least one pre-existing site ranked in the set of categories of the set directory; See pgs 2-3;

determining whether the site exists in the table of sites; See pgs. 2-3; and
mapping the site to one of the categories of the set of categories if the site exists in the table of sites; See pg. 8.

As to claims 4 and 14,

wherein the step of categorizing the site into one of the categories of the site directory further comprises the step of searching the site for keywords (vocabulary) relating to the categories of the set of categories if the site does not exist in the table of sites; See pg. 8.

As to claims 5 and 15

selecting one of the categories into which the site is to be categorized;
See pg. 8;

comparing the selected category to the category to which the site is mapped; See pg. 8.

generating a notification if the selected category does not match the category to which the site is mapped wherein Keller is deemed to broadly interpreted to include such a notification and it is implicit in the operation performs matching; See pgs. 8-10.

As to claims 6 and 16,

the number of generated links to the site, the frequency that the site is accessed by selection of the generated links, and polling; See pgs. 6-7.

As to claims 7 and 17,

creating a sub-category into which the site is categorized; See pg. 5.

As to claims 8 and 18,

assigning a creator identity to the sub-category that includes information about a creator of the sub-category; See pg. 5.

As to claims 9 and 19,

recommending to accept or reject additional sites into and additional subcategories under the sub-category; See pgs. 5-8 and 10;

receiving information transmittals from users of site in the sub-category;
See pgs. 5-8 and

transmitting information to users of sites in the sub-category; See pgs. 5-8.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Keller.

As to claim 10,

Keller discloses the claimed invention except for associating a mode of communication with the category. It would have been obvious to one having ordinary skill in the art at the time the invention was made to associate a mode of communication with the category since it was known in the art that associating words automatically could inherently include a mode of communicating as such

as word (i.e. telephones) is a piece of data to a computer processor and software and being data could be any word or type of data.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles L. Rones whose telephone number is 703-306-3030. The examiner can normally be reached on Monday-Thursday 8am-4pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas G. Black can be reached on 703-305-9707. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3800.



**Charles L. Rones
Patent Examiner
Art Unit 2171**

October 31, 2001